

CLAIMS

What is claimed is:

1. A water filtration apparatus for a clothes washing machine, said apparatus comprising:

a housing defining a dual filtering chamber comprising a cold water filter chamber and a hot water filter chamber for receiving a replaceable filter cartridge, said housing having an unfiltered cold water inlet, an unfiltered hot water inlet, a filtered cold water outlet, and a filtered hot water outlet;

said unfiltered cold water inlet and said unfiltered hot water inlet being connectable to a conduit for supplying unfiltered water to said cold and hot water chambers and said filtered cold water outlet and said filtered hot water outlet being connectable to a conduit for transporting filtered water away from said chambers;

said filter cartridge comprising a filter media and being releasably insertable into said chambers.

2. The water filtration apparatus of claim 1, wherein a mounting means located upon said housing for mounting said water filtration apparatus to a surface of a clothes washing machine.

3. The water filtration apparatus of claim 1, wherein the water filter media comprises activated carbon.

4. The water filtration apparatus of claim 3, wherein said filter media comprises a flat water filter media.

5. The water filtration apparatus of claim 1, further comprising a first flexible hose releasably connected to said unfiltered cold water inlet, a second flexible hose releasably connected to said unfiltered hot water inlet.

6. The water filtration apparatus of claim 1, further comprising a first collapsible hose releasably connected to said unfiltered cold water inlet, a second collapsible hose releasably connected to said unfiltered hot water inlet, a third collapsible hose releasably connected to said filtered cold water outlet, and a fourth collapsible hose releasably connected to said filtered hot water outlet.

7. A clothes washing machine comprising the water filtration apparatus of claim 1 mounted on an exposed exterior surface of said clothes washing machine, said water filtration apparatus being connected so that filtered water is supplied thereto.

8. The water filtration apparatus of claim 7, wherein the mounting means attached to said housing for mounting said housing to an exposed exterior surface of a clothes washing machine is a magnet attached to said housing.

9. The water filtration apparatus of claim 7, wherein the mounting means attached to said housing for mounting said housing to an exposed exterior surface of a clothes washing machine is an adhesive tape attached to said housing.

10. The water filtration apparatus of claim 7, wherein the mounting means attached to said housing for mounting said housing to an exposed exterior surface of a clothes washing machine are screws for attaching said housing to said clothes washing machine surface.

11. A water filtration apparatus for mounting on the exposed exterior surfaces of a clothes washing machine, said apparatus comprising:

a housing defining a receptacle for receiving a filter cartridge, said housing having an unfiltered cold water inlet, an unfiltered hot water inlet, a filtered cold water outlet, and a filtered hot water outlet;

said unfiltered cold water inlet being connectable to a first conduit for supplying unfiltered cold water to said receptacle, said unfiltered hot water inlet being connectable to a second conduit for supplying unfiltered hot water to said receptacle, said filtered cold water outlet being connectable to a third conduit for transporting filtered cold water away from said receptacle, and said filtered hot water outlet being connectable to a fourth conduit for transporting filtered hot water away from said receptacle;

said receptacle comprising a hot water chamber and a cold water chamber;

said filter cartridge comprising a flat water filter media comprising activated carbon and being releasably connectable to said receptacle through an unfiltered cold water inlet port, an unfiltered hot water inlet port, a filtered cold water outlet port, and a filtered hot water outlet port;

12. The water filtration apparatus of claim 11 wherein a flat water filter media comprises a laminate of filter media.

13. A clothes washing machine comprising the water filtration apparatus of claim 11 mounted on an exposed exterior surface of said clothes washing machine, said water filtration apparatus being connected to said clothes washing machine that filtered potable water is supplied thereto.